

ITD Job Risk Assessment (JRA-AO-07) – Hand Tool Use

Name(s) of “Sample” Risk Team Members: L.Nieves, G.Gottlieb, G.Jorgensen, L.Hart, C.Clark, V.Bonafede, MLHeinrich	Point Value → Parameter ↓	1	2	3	4	5
Job Title: ITD-Hand Tool Use Taken from other BNL JRAs for Hand Tool Use Job Number or Job Identifier: JRA-AO-06	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Description: Use of hand tools for assembly, repair, diagnosing, troubleshooting of computers, servers, racks to hold them, cables to attach them.	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training Procedures List (Optional): ITD Required Web Training for Technicians and their Supervisors: Hazard Communication, Hand & Power Tool Safety, Stop Work Procedure and Reducing Injuries and Accidents in the Workplace	Likelihood (D)	Very Unlikely	Unlikely	Possible	Probable	Multiple
Reviewed by:D.Gates Date: 10/11/06 Rev. # 0						
Stressors (if applicable, please list all)		Reason for Revision (if applicable): To incorporate comments received by worker			Comments:	

			Before Additional Controls						After Additional Controls							
Activity	Hazard	Control(s)	Stressor	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Using hand tools	Cuts / scrapes Striking hand or arm against a surface. Working with fiber optic cable	Cut resistant gloves, retractable knives, proper tools for the job in good condition (screwdriver head not worn, etc.) Use of proper tools, gloves, have good grip on tool and part, keep work area free of sharp objects.		1	4	1	2	8								

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		Inspect tools. See ITD JRA on Telecommunication Technician and Electronic Technician. See ITD FRA for Computer Areas, Office areas, Telecom Areas												
Using hand tools	Struck by debris	Safety glasses with side shields		1	4	1	3	12						
Using hand tools	Strain	Proper body positioning, proper tools in good condition, proper use. Housekeeping, Tier1 Safety Inspections		1	4	2	2	16						
Using hand tools	Cuts / scrapes	Cut resistant gloves, retractable knives, proper tools for the job in good condition (screwdriver head not worn, etc.)		1	4	1	2	8						

*Risk:	0 to 20	21 to 40	41-60	61 to 80	81 or greater
	Negligible	Acceptable	Moderate	Substantial	Intolerable

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